


[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)
Search: The ACM Digital Library The Guide


Searching within **The ACM Digital Library** with **Advanced Search**: (pdf and (pen and "or" and stylus) are position and marking) and (template or boilerplate or stencil or form) ([start a new search](#))

Found 16 of 249,200

REFINE YOUR SEARCH
[Search Results](#)
[Related Journals](#)
[Related SIGs](#)
[Related Conferences](#)
▼ Refine by Keywords

[Discovered Terms](#)
▼ Refine by People
[Names](#)
[Institutions](#)
[Authors](#)
[Reviewers](#)
▼ Refine by Publications
[Publication Year](#)
[Publication Names](#)
[ACM Publications](#)
[All Publications](#)
[Content Formats](#)
[Publishers](#)
▼ Refine by Conferences
[Sponsors](#)
[Events](#)
[Proceeding Series](#)
ADVANCED SEARCH
 [Advanced Search](#)
FEEDBACK

Please provide us with feedback

Found 16 of 249,200

[Results 1 - 16 of 16](#)

 Sort by

Save results to a Binder

1 Tracking menus

 George Fitzmaurice, Azam Khan, Robert Piské, Bill Buxton, Gordon Kurtenbach November 2003 **UIST '03: Proceedings of the 16th annual ACM symposium on Use and technology**
Publisher: ACM

Additional Information

Full text available: Mov (1:37 MIN), Pdf (2.06 MB), Wmv (1:37 MIN)

Bibliometrics: Downloads (6 Weeks): 54, Downloads (12 Months): 257, Citation Count

We describe a new type of graphical user interface widget, known as a "tracking menu" consists of a cluster of graphical buttons, and as with traditional menus, moved within the menu to select and interact with items. ...

Keywords: floating palette, graphical user interface, menu system, pen based tablet PC

2 The ToolFinger: supporting complex direct manipulation in virtual environments

Gerold Wesche

 May 2003 **EGVE '03: Proceedings of the workshop on Virtual environments 2003**
Publisher: ACM

Full text available: Pdf (777.37 KB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [review](#)
Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 28, Citation Count: 2

Virtual environments (VEs) such as the Responsive Workbench were designed to support complex applications. The possibility of direct manual interaction with virtual objects using a pen or hands in a natural, intuitive way is one of the great ...

Keywords: Responsive Workbench, application control, immersive modelling, : selection, virtual environments

3 SpeechSkimmer: a system for interactively skimming recorded speech

Barry Arons

 March 1997 **Transactions on Computer-Human Interaction (TOCHI)**, Volume 4

Publisher: ACM

Full text available: Pdf (1.03 MB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [review](#)
Bibliometrics: Downloads (6 Weeks): 23, Downloads (12 Months): 120, Citation Count

Listening to a speech recording is much more difficult than visually scanning a document. The transient and temporal nature of audio. Audio recordings capture the richness of speech, which makes them difficult to directly browse the stored information. ...

Keywords: audio browsing, interactive listening, nonspeech audio, speech as a skimming, speech user interfaces, time compression

4 Improving menu placement strategies for pen input

Mark S. Hancock, Kellogg S. Booth

May 2004 **GI '04:** Proceedings of Graphics Interface 2004

Publisher: Canadian Human-Computer Communications Society

Full text available:  Pdf (331.99 KB)

Additional Information: [full citation](#), [abstract](#), [references](#)

Bibliometrics: Downloads (6 Weeks): 10, Downloads (12 Months): 48, Citation Count: 1

We investigate menu selection in circular and rectangular pop-up menus using input on horizontal and vertical display surfaces. An experiment measured performance acquisition task in three different conditions: direct ...

Keywords: direct input, handedness, horizontal display, indirect input, pen-input display, vertical display

5 Two-handed interaction on a tablet display

 Ka-Ping Yee

April 2004 **CHI '04:** CHI '04 extended abstracts on Human factors in computing systems

Publisher: ACM

Full text available:  Pdf (655.77 KB)

Additional Information: [full citation](#), [abstract](#), [references](#)

Bibliometrics: Downloads (6 Weeks): 11, Downloads (12 Months): 104, Citation Count: 1

A touchscreen can be overlaid on a tablet computer to support asymmetric two-handed interaction in which the preferred hand uses a stylus and the non-preferred hand operates the screen. The result is a portable device that allows both hands to interact ...

Keywords: asymmetric bimanual interaction, commodity hardware, tablet computers, touch sensitive screens

6 TiltType: accelerometer-supported text entry for very small devices

 Kurt Partridge, Saurav Chatterjee, Vibha Sazawal, Gaetano Borriello, Roy Want

October 2002 **UIST '02:** Proceedings of the 15th annual ACM symposium on User interface software and technology

Publisher: ACM

Additional Information: [full citation](#), [abstract](#), [references](#)

Full text available:  Mov (119.00 bytes),  Pdf (304.32 KB),  Wmv (119.00 bytes)

Bibliometrics: Downloads (6 Weeks): 11, Downloads (12 Months): 104, Citation Count: 1

TiltType is a novel text entry technique for mobile devices. To enter a character, the user holds the device and presses one or more buttons. The character chosen depends on the direction of tilt, and the angle of tilt. TiltType consumes ...

Keywords: accelerometer applications, input/output devices, interaction techniques, text entry, wearable computing, wristwatch computers

7 FlowMenu: combining command, text, and data entry

François Guimbretière, Terry Winograd

 November 2000 **UI ST '00**: Proceedings of the 13th annual ACM symposium on Use and technology

Publisher: ACM

Full text available:  Pdf (57.65 KB)

Additional Information: [full citation](#), [references](#), [cited by](#),

Bibliometrics: Downloads (6 Weeks): 17, Downloads (12 Months): 143, Citation Count

Keywords: Quikwriting, control menu, interactive surface, marking menu

8 Perceptually-supported image editing of text and graphics

 Eric Saund, David Fleet, Daniel Larner, James Mahoney

 November 2003 **UI ST '03**: Proceedings of the 16th annual ACM symposium on Use and technology

Publisher: ACM

Full text available:  Mov (3:16 MIN),  Pdf (1.42 MB),  Wmv (3:16 MIN) Additional Information

Bibliometrics: Downloads (6 Weeks): 49, Downloads (12 Months): 140, Citation Count

This paper presents a novel image editing program emphasizing easy selection material found in informal, casual documents such as sketches, handwritten no images, screen snapshots, and scanned documents. The program, ...

Keywords: WYPI WYG, bitmap image, foreground/background, lattice grouping document editing, rough document, scanscribe

9 Performance of menu-augmented soft keyboards

 Polka Isokoski

 April 2004 **CHI '04**: Proceedings of the SIGCHI conference on Human factors in computing systems

Publisher: ACM

Full text available:  Pdf (1.01 MB) Additional Information: [full citation](#), [abstract](#), [references](#),

Bibliometrics: Downloads (6 Weeks): 8, Downloads (12 Months): 80, Citation Count: 3

We report results on the performance of the combination of soft keyboards and model of expert user performance indicated an 11 - 37% (depending on the keyboard) improvement in text entry rate over the same keyboard without the ...

Keywords: Fitts' law, marking menu, soft keyboard, text entry

10 Avoiding interference: how people use spatial separation and partitioning in CSCW

 Edward Tse, Jonathan Histon, Stacey D. Scott, Saul Greenberg

 November 2004 **CSCW '04**: Proceedings of the 2004 ACM conference on Computer supported cooperative work

Publisher: ACM

Full text available:  Pdf (631.31 KB) Additional Information: [full citation](#), [abstract](#), [references](#),

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 71, Citation Count: 7

Single Display Groupware (SDG) lets multiple co-located people, each with their own computer, interact simultaneously over a single communal display. While SDG is beneficial, *interference* is a problem when two people are interacting ...

Keywords: co-located collaboration, single display groupware (SDG)

 [CrossY: a crossing-based drawing application](#)

Georg Apitz, François Guimbretière

October 2004 **UIST '04**: Proceedings of the 17th annual ACM symposium on User interface and technology

Publisher: ACM

Full text available:  [Pdf \(1.64 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#),

Bibliometrics: Downloads (6 Weeks): 65, Downloads (12 Months): 178, Citation Count

We introduce CrossY, a simple drawing application developed as a benchmark to assess the feasibility of goal crossing as the basis for a graphical user interface. We show that it is at least as expressive as the current point-and-click interface, ...

Keywords: command composition, crossing based interfaces, fluid interaction, fluid interaction

12 Sharing and building digital group histories

 [Chia Shen, Neal B. Lesh, Frederic Vernier, Clifton Fortunes, Jeana Frost](#)

November 2002 **CSCW '02**: Proceedings of the 2002 ACM conference on Computer supported cooperative work

Publisher: ACM

Full text available:  [Pdf \(7.06 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#),

Bibliometrics: Downloads (6 Weeks): 12, Downloads (12 Months): 133, Citation Count

Organizations, families, institutions evolve a shared culture and history. In this system, users can share and build digital group histories by sharing stories and photos from their personal archives to facilitate conversation and storytelling about this collective past. Use of shared materials such as photographs, ...

Keywords: digital story sharing, group history, single-display groupware

13 Digital annotation of printed documents

 [Corstin Decurtins, Moira C. Norrie, Beat Signer](#)

November 2003 **CIKM '03**: Proceedings of the twelfth international conference on Information and knowledge management

Publisher: ACM

Full text available:  [Pdf \(281.67 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#),

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 37, Citation Count: 5

We present a general model and information server for the digital annotation of printed documents. The resulting annotation framework supports both informal and structured annotations and context-dependent services. A demonstrator application ...

Keywords: augmented paper, cross-media annotation, mammography

14 Shorthand writing on stylus keyboard

 [Shumin Zhai, Per-Ola Kristensson](#)

April 2003 **CHI '03**: Proceedings of the SIGCHI conference on Human factors in computing systems

Publisher: ACM

Full text available:  [Pdf \(275.25 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#),

Bibliometrics: Downloads (6 Weeks): 15, Downloads (12 Months): 113, Citation Count

We propose a method for computer-based speed writing, SHARK (shorthand augmented keyboarding), which augments stylus keyboarding with shorthand gesturing. SHARK maps a shorthand symbol for each word according to its movement pattern on an optical mouse.

Keywords: handheld devices, mobile, pervasive computing, text input, text-er

15 Reflowing digital ink annotations

 David Bergeron, Tomer Moscovich

April 2003 **CHI '03: Proceedings of the SIGCHI conference on Human factors in computing systems**, Volume 2, Seattle, Washington, USA, April 5-10, 2003, ACM, New York, NY, USA, pp. 113-116.

Publisher: ACM

Full text available:  Pdf (738.55 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [bibTeX](#)

Bibliometrics: Downloads (6 Weeks): 13, Downloads (12 Months): 95, Citation Count: 0

Annotating paper documents with a pen is a familiar and indispensable activity of work and educational settings. Recent developments in pen-based computing have extended this experience to digital documents. However, digital ...

Keywords: annotation, annotation system design, context, digital ink, document recognition, reflow

16 Students' experiences with PDAs for reading course materials

J. Waycott, A. Kukulska-Hulme

May 2003 **Personal and Ubiquitous Computing**, Volume 7 Issue 1

Publisher: Springer-Verlag

Full text available:  Pdf (470.11 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [bibTeX](#)

Bibliometrics: Downloads (6 Weeks): 12, Downloads (12 Months): 121, Citation Count: 0

The availability of text reading and editing software for Personal Digital Assistants (PDAs) has made it timely to consider whether PDAs are useful tools for reading learning materials. This paper presents a study that evaluated the use of PDAs for ...

Keywords: Evaluation, Handheld computer, Learning, PDA, Palmtop, Reading

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2009 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  Adobe Acrobat  QuickTime  Windows Media Player  Real Player